

IN THE CLAIMS:

The following is a complete listing of claims in this application.

Claims 1-16 (canceled).

17. (currently amended) Functional insert for insertion into the neck of a receptacle bottle through an opening, comprising:

a body constructed and arranged for insertion into the neck by force fitting, the body comprising a cylindrical wall having a central axis coincident with the central axis of the neck when the body is inserted into the neck, and normal to the opening, the cylindrical wall defining an outer surface, supporting with at least one flexible rib on the outer surface extending radially outwardly with respect to the central axis ~~an outer surface of the wall~~, for forming a sealed junction with an inner surface of the neck when the body is inserted into the neck, the rib including an upper surface,

a functional element, and

an adhesive supported on at least one of the upper surface of the rib and the outer surface of the wall above the upper surface of the rib, the adhesive selected to bond to the neck and having a consistency or viscosity such that the adhesive will only creep under a stress that compresses the adhesive between the rib and the body when, with the body inserted into the neck, the rib curls, the adhesive being present in an amount sufficient that the adhesive comes into contact with the neck so as to fix the body to the neck at an adhesive contact area and thereby prevent upward axial displacement of the body under axial stress.

18. (previously presented) Insert according to claim 17, wherein the cylindrical wall comprises at least two ribs, the adhesive being disposed between two ribs, or on each rib.

19. (previously presented) Insert according to claim 17,

wherein the adhesive forms a ring, such that the contact area is circular.

20. (previously presented) Insert according to claim 17, wherein the adhesive forms a plurality of discontinuous deposits, so as to form a plurality of discontinuous continuous contact areas.

21. (previously presented) Insert as claimed in claim 17, wherein the adhesive is a permanent, hot-melt adhesive.

22. (previously presented) Insert as claimed in claim 17, wherein the adhesive is activatable or crosslinkable, once the insert has been placed in the said neck.

23. (previously presented) Insert according to claim 22, wherein the adhesive includes a setting agent or activator.

24. (previously presented) Insert as claimed in claim 17, wherein the adhesive is in the form of micro-balls that release the adhesive when the functional insert is placed in the neck, or is an adhesive that is activated when the functional insert is placed in the neck.

25. (previously presented) Insert as claimed in claim 17, wherein the adhesive is bondable to glass, and wherein the contact area of the adhesive is between 20 and 500 mm², such that the insert remains fixed in the neck under an axial force equal to at least 0.5 daN.

26. (previously presented) Insert as claimed in claim 17, wherein the functional element forms a pouring spout.

27. (previously presented) Insert as claimed in claim 17, wherein the functional element forms an anti-refill device or an anti-fraud device.

28. (previously presented) Insert as claimed in claim 17, additionally comprising a reversible assembly means for temporarily fixing the functional insert to a cap or to a sealing insert of a cap, the axial stress corresponding to at least the stress necessary to separate the cap or the sealing

insert from the functional insert when the cap is opened.

29. (previously presented) Closing cap comprising a shell provided with a skirt and a sealing insert fixed to the shell, and a functional insert according to claim 17, wherein the sealing insert or the shell and the functional insert comprises complementary reversible fixing means.

30. (previously presented) Closing cap according to claim 29, wherein the shell is metallic or is made of plastic.

31. (previously presented) Method for manufacturing a cap according to claim 29, comprising the steps of:

a) supplying the functional insert, the adhesive and the closing cap,

b) depositing or applying the adhesive on the functional insert, and

c) fixing the functional insert to the sealing insert or to the shell, such that the adhesive is protected from any external contact by the skirt of the shell, enabling the cap to be manipulated without risk of damage.

32. (new) Insert as claimed in claim 17, comprising a plurality of said flexible ribs, with adhesive disposed on at least one of the upper surface of at least one of the ribs and the outer surface of the wall above the upper surface of at least one of the ribs.